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**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**



Declaration  
Submitted  
with Initial  
Filing

OR



Declaration  
Submitted after Initial  
Filing (surcharge  
(37 CFR 1.16 (e))  
required)

Attorney Docket Number

1626-1116

First Named Inventor

Dancu, Michael B.

**COMPLETE IF KNOWN**

Application Number

Filing Date

Art Unit

Examiner Name

As the below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**SYSTEM AND METHOD TO SIMULATE HEMODYNAMICS**

(Title of the Invention)

the specification of which



is attached hereto

OR



was filed on (MM/DD/YYYY)

as United States Application Number or PCT International

Application Number

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

[Page 1 of 2]

**DECLARATION — Utility or Design Patent Application**Direct all correspondence to: ☐ Customer Number  OR ☒ Correspondence address below

Mitchell P. Novick, Esq.

Name

Law Offices Of Mitchell P. Novick

Address

66 Park Street

City

West Orange

New Jersey

State

07042

ZIP

Country

United States

973-744-5150

Telephone

973-744-2227

Fax

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that those statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR: ☐ A petition has been filed for this unsigned inventor

Given Name  
(first and middle (if any))

Michael B.

Family Name  
or Surname

DANCU

Inventor's  
Signature

Date 10/08/2001

Ringwood

New Jersey

U.S.A.

United States

Residence: City

State

Country

Citizenship

18 Edward Drive

Mailing Address

Ringwood

New Jersey

07456

United States

City

State

ZIP

Country

NAME OF SECOND INVENTOR:

☐ A petition has been filed for this unsigned inventor

Given Name  
(first and middle (if any))

John M.

Family Name  
or Surname

TARBELL

Inventor's  
Signature

Date 10/08/2001

State College

Pennsylvania

U.S.A.

United States

Residence: City

State

Country

Citizenship

526 Glenn Road

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State College

Pennsylvania

16803

United States

City

State

ZIP

Country

☐ Additional inventors are being named on the \_\_\_\_\_ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

Please type a plus sign (+) inside this box → ☐

PTO/SB/01 (02-01)

Approved for use through 10/31/2002. CMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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## POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Application Number	
Filing Date	
First Named Inventor	DANCU, Michael B.
Title	System And Method for
Group Art Unit	Simulate Hemodynamics
Examiner Name	
Attorney Docket Number	

I hereby appoint:

☐ Practitioners at Customer Number  →

Place Customer  
Number Bar Code  
Label here

☒ Practitioner(s) named below:

Name	Registration Number
Mitchell P. Novick, Esq.	36,305

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

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Number Bar Code  
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☒ Firm or  
Individual Name

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Address 66 Park Street

Address

City Montclair

State

NJ

Zip

07042

Country U.S.A.

Telephone 973/744-5150

Fax

973/744-2227

I am the:

☒ Applicant/Inventor.

☐ Assignee of record of the entire interest. See 37 CFR 3.71.

Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

### SIGNATURE of Applicant or Assignee of Record

Name MICHAEL B. DANCU

Signature

Date

10/08/2001

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☒ Total of 2 forms are submitted.

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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PTO/SB/81 (02-01)

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## POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Application Number	
Filing Date	
First Named Inventor	DANCU, Michael B.
Title	System And Method To
Group Art Unit	Simulate Hemodynam cs
Examiner Name	
Attorney Docket Number	

I hereby appoint:

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Number Bar Code  
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☒ Practitioner(s) named below:

Name	Registration Number
Mitchell P. Novick, Esq.	50,505

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

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Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

Name JOHN M. TARBELL

Signature

Date

10/08/2001

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

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ASSIGNMENT OF APPLICATION

WHEREAS, we, MICHAEL B. DANCU of Ringwood, New Jersey and JOHN M. TARBELL of State College, Pennsylvania, have invented certain new and useful Improvements in SYSTEM AND METHOD TO SIMULATE HEMODYNAMICS

[ ] for which an application for United States Letters Patent was filed on \_\_\_\_\_, Serial No. \_\_\_\_\_;

[x] for which an application for United States Letters Patent was executed on October 8, 2001;


and

WHEREAS, VICTOR KRSTEC, of Wayne, New Jersey, whose post office address is 85 McDonald Avenue, Wayne, New Jersey 07470, is desirous of acquiring the entire right, title, and interest in the same;

NOW, THEREFORE, in consideration of the sum of one dollar (\$1.00), the receipt of which is hereby acknowledged, and other good and valuable consideration, we, the said MICHAEL B. DANCU and JOHN M. TARBELL, by these presents do sell, assign, and transfer unto said VICTOR KRSTEC the full and exclusive right to the said invention in the United States and worldwide the entire right, title, and interest in and to any and all Letters Patent which may be granted therefor in the United States and all other patents which may be granted therefor worldwide.

We hereby authorize and request the United States Commissioner of Patents and Trademarks and all other appropriate authorities worldwide to issue said patents to said VICTOR KRSTEC, as the assignee of the entire right, title, and interest in and to the same, for its sole use and behoof; and for the use and behoof of its legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 8th day of October, 2001 at State College, PA.

  
\_\_\_\_\_  
MICHAEL B. DANCU

  
\_\_\_\_\_  
JOHN M. TARBELL

COMMONWEALTH OF PENNSYLVANIA) ) ss.:  
COUNTY OF \_\_\_\_\_ )

Before me personally appeared said \_\_\_\_\_ and \_\_\_\_\_ and acknowledged the foregoing instrument to be their free act and deed this \_\_\_\_\_ day of October, 2001.